



**HIERROS
LA TACADA**
RAICES DE HIERRO

PERFILES ÁNGULO DE ALAS IGUALES

Industria metálica: Herrería, estructuras metálicas (vigas, columnas cabriadas, entrepisos)

Agro: Construcción de silos, molinos, maquinas e implementos agrícolas.

Ángulos	Dimensiones			Sección	Peso	Valores estáticos		
	a	e	Xg=Yg	S	G	Jx=Jy	J1	J2
pulgadas	mm	mm	cm	cm ²	Kg/m	cm ⁴	cm ⁴	cm ⁴
1/2" x 1/8"	12.7	3.2	0.42	0.71	0.56	0.17	0.06	0.24
5/8" x 1/8"	15.9	3.2	0.50	0.94	0.74	0.20	0.08	0.31
3/4" x 1/8"	19.1	3.2	0.58	1.13	0.89	0.35	0.14	0.55
7/8" x 1/8"	22.2	3.2	0.65	1.32	1.04	0.56	0.23	0.89
1" x 1/8"	25.4	3.2	0.73	1.51	1.19	0.84	0.34	1.34
1" x 3/16"	25.4	4.7	0.79	2.19	1.72	1.17	0.50	1.84
1 1/4" x 1/8"	31.7	3.2	0.89	1.97	1.55	1.83	0.72	2.93
1 1/4" x 3/16"	31.7	4.7	0.96	2.87	2.25	2.58	1.06	4.10
1 1/2" X 1/8"	38.1	3.2	1.03	2.37	1.86	3.11	1.20	5.02
1 1/2" X 3/16"	38.1	4.7	1.10	3.46	2.71	4.45	1.78	7.12
1 1/2" X 1/4"	38.1	6.4	1.17	4.49	3.53	5.63	2.33	8.93
1 3/4" X 1/8"	44.5	3.2	1.19	2.83	2.22	5.24	1.98	8.50
1 3/4" X 3/16"	44.5	4.7	1.27	4.14	3.25	7.57	2.97	12.17
1 3/4" X 1/4"	44.5	6.4	1.34	5.40	4.24	9.67	3.90	15.43
2" X 1/8"	50.8	3.2	1.34	3.21	2.52	7.76	2.95	12.56
2" X 3/16"	50.8	4.7	1.42	4.72	3.70	11.26	4.41	18.12
2" X 1/4"	50.8	6.4	1.49	6.17	4.84	14.45	5.80	23.10
2 1/4" X 3/16"	57.1	4.7	1.56	5.31	4.17	15.88	6.13	25.64
2 1/4" X 1/4"	57.1	6.4	1.63	6.96	5.46	20.49	8.10	32.87
2 1/2" X 3/16"	63.5	4.7	1.72	6.00	4.71	22.70	8.65	36.76
2 1/2" X 1/4"	63.5	6.4	1.80	7.87	6.18	29.43	11.49	47.37
3" X 1/4"	76.2	6.4	2.09	9.43	7.40	50.39	19.47	81.30
3" X 5/16"	76.2	7.9	2.15	11.49	9.02	60.74	23.89	97.59
3" X 3/8"	76.2	9.5	2.22	13.64	10.71	71.15	28.47	113.82



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	a	e	Xg=Yg	S	G	Jx=Jy	J1	J2
pulgadas	mm	mm	cm	cm ²	Kg/m	cm ⁴	cm ⁴	cm ⁴
3 1/2" X 1/4"	88.9	6.4	2.40	11.11	8.72	82.34	31.58	133.09
3 1/2" X 5/16"	88.9	7.9	2.47	13.57	10.65	99.66	38.85	160.47
3 1/2" X 3/8"	88.9	9.5	2.53	16.14	12.57	117.20	46.37	188.04
4" X 1/4"	101.6	6.4	2.71	12.80	10.05	125.53	47.85	203.21
4" X 5/16"	101.6	7.9	2.78	15.65	12.28	152.41	59.00	245.82
4" X 3/8"	101.6	9.5	2.85	18.63	14.63	179.81	70.56	289.07
4" X 1/2"	101.6	12.7	2.98	24.45	19.19	230.95	92.84	269.07
5" X 3/8"	127	9.5	3.46	23.44	18.40	355.91	138.04	573.78
5" X 1/2"	127	12.7	3.59	30.85	24.22	461.04	182.49	739.60
5" X 5/8"	127	15.9	3.76	37.80	29.80			
5" X 3/4"	127	19.1	3.86	44.80	36.10			
6" X 3/8"	152.4	9.5	4.17	28.10	22.20			
6" X 1/2"	152.4	12.7	4.27	31.10	29.20			
6" X 5/8"	152.4	15.9	4.39	45.90	36.00			
6" X 3/4"	152.4	19.1	4.52	54.40	42.70			